



Numerical Data: What's the difference

Data

Data can be classified into two different types.

Numerical

Values or observations that can be measured. And these numbers can be placed in ascending or descending order.

Bar charts and pie graphs are used to graph categorical data.

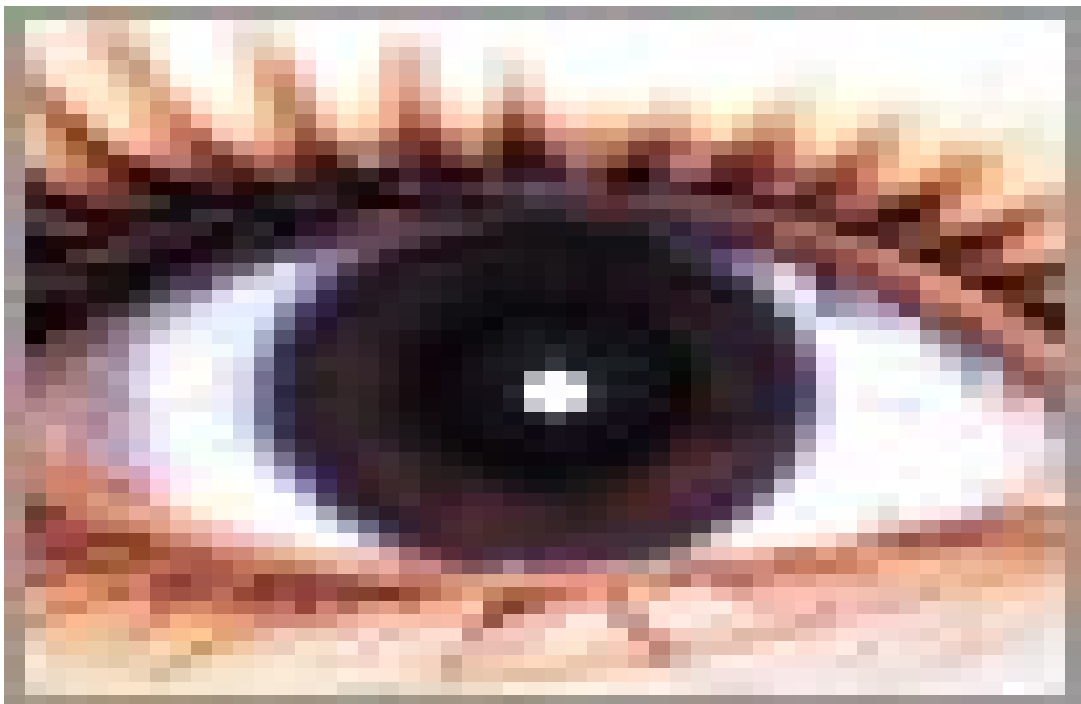
Discrete

Values or observations that are counted as **distinct and separate** and can only take on a finite number of values.

Continuous

You can **measure** continuous data. Values or observations **may take on a** continuous range of values.

between discrete and continuous?



Task:

1. Place a 'D' for 'discrete' or 'C' for 'continuous' next to each of the following topics of questions from the CensusAtSchool online questionnaire:



☐	Arm span
☐	How much money did you earn last week?
☐	Concentration exercise (seconds)
☐	Dominant hand reaction time

2. Write down four examples of discrete data.

1. _____
2. _____
3. _____
4. _____

3. A CensusAtSchool question asks you to select a value between 1 and 1000 on the importance of various social and environmental issues. Decide whether this data is discrete or continuous, and give reasons for your decision.